

*(Per ILA Approval Requirements)*

<input type="checkbox"/>	CA Approval
<input checked="" type="checkbox"/>	KCM JB Approval

## Amendment 264 Contract No. 229944

### **To the Contract for the Design, Implementation, Operation and Maintenance of the Regional Fare Coordination System**

This Amendment 264 to the Contract for the Design, Implementation, Operation and Maintenance of the Regional Fare Coordination System is entered into this 8<sup>th</sup> day of AUGUST, 2013, by and between Vix Technology (USA) Inc. (formerly known as ERG Transit Systems (USA) Inc), a California corporation and wholly owned subsidiary of Vix Mobility Pty Ltd, an Australian corporation, (hereinafter referred to as the "Contractor") and each of the following seven public transportation agencies (hereinafter referred to individually as an "Agency" or collectively as the "Agencies"):

1. Central Puget Sound Regional Transit Authority ("Sound Transit")
2. King County ("King County")
3. Kitsap County Public Transportation Benefit Area ("Kitsap Transit")
4. Pierce County Public Transportation Benefit Area ("Pierce Transit")
5. Snohomish County Public Transportation Benefit Area ("Community Transit")
6. City of Everett ("Everett")
7. State of Washington, acting through the Washington State Department of Transportation, Washington State Ferries Division ("WSF")

### **Recitals**

A. Effective April 29, 2003, each of the Agencies and the Contractor entered into Contract #229944 ("Contract") to implement a Regional Fare Coordination System ("RFC System") to establish a common fare system utilizing smart card technology. The Contractor is responsible for the development, implementation, operation and maintenance of the RFC System as specified in the Contract.

B. The Agencies and the Contractor desire to amend Section VI of Exhibit 9, Price Schedule Special Programs, to compensate the Contractor for the work necessary to implement two Streetcar lines in the ORCA System using Stand Alone Fare Transaction Processors (SAFTP) for fare collection and Portable Fare Transaction Processors for fare inspection purposes, including modifying the King County Metro (KCM) Configuration Data (CD) to identify Streetcar data and modifying the Portable Fare Transaction Processor (PFTP) fare inspection and fare collection applications to be compatible with both the Psion G2 and G3 models.

## **Agreement**

NOW, THEREFORE, in consideration of the mutual covenants contained herein, the sufficiency of which is hereby acknowledged, the Parties hereby agree to amend the Contract as follows:

### **Section 1.0 Description of Work**

The Contractor will perform the work necessary to create, test and implement Configuration Data (CD) and Configuration Data Administration (CDA) modifications to identify Streetcar data, as well as modifications to the SAFTP and the Portable Fare Transaction Processor (PFTP) fare inspection and fare payment applications to be compatible with the Psion G2 and G3 models. Such work will include the following:

#### **1.1 Modify the CD to identify Streetcar data to add two lines to be known as "South Lake Union" and "First Hill":**

- (a) Introduce new Location Type (transit mode) for Streetcar
- (b) Update CDA to show and consume new Location Type
- (c) Update the PFTP application to display the "Streetcar" or "RapidRide" mode as derived from the route/run/trip data entered
- (d) Update the PFTP applet to consume the mode
- (e) Update and test the report schema to ensure Streetcar mode is consumed
- (f) Update the Configuration Data (CD) schema to include the new fare tables, routes, runs and trips. In the event the actual data is not available at the time development commences, placeholder data will be used. Update the CD schema to include the new Location Type and the new locations shown below:

##### **i. South Lake Union Location Matrix Names**

1. McGraw Square
2. Westlake/7<sup>th</sup> NB
3. Westlake/Denny NB
4. Terry/Thomas NB
5. Terry/Mercer NB

6. Lake Union Park
7. Fairview/Campus
8. Westlake/Mercer SB
9. Westlake/Thomas SB
10. Westlake/9<sup>th</sup> SB

**ii. First Hill Location Matrix Names**

1. Occidental S/S Jackson
2. S Jackson/5<sup>th</sup> Ave S EB
3. S Jackson/5<sup>th</sup> Ave S WB
4. S Jackson/7<sup>th</sup> Ave S
5. S Jackson/13<sup>th</sup> Ave S
6. 14<sup>th</sup> Ave S/Washington
7. E Yesler Wy/Broadway EB
8. E Yesler Wy/Broadway WB
9. Broadway/Terrace NB
10. Broadway/Terrace SB
11. Broadway/Boylston NB
12. Broadway/Marion SB
13. Broadway/E Pike SB
14. Broadway/E Pine NB
15. Broadway/E Denny NB
16. Broadway/E Denny SB
17. Broadway/Harrison NB
18. Broadway/Harrison SB
19. Broadway/Roy
20. Broadway/Prospect

(g) Use South Lake Union Streetcar and First Hill Streetcar as the Location Matrix Names in CDA.

(h) Begin First Hill bus station abbreviations with FH (e.g. FH01); begin South Lake Union bus station abbreviations with SLU (e.g. SLU01)

- (i) Inspection/validation should be based on the Location Type for the previous card tap. Validation must indicate an immediately prior Streetcar tap; no other service type is valid payment.
- (j) Show KCM as the Source and Service participant for both Streetcar lines.

1.2 Modify the PFTP fare collection and inspection applications to be compatible with the Psion G2 and G3 models.

- (a) Modify the fare collection and inspection applications for the following Program ID's to be compatible with the Psion G2 and Psion G3:
  - i. WSF (Washington State Ferries)
  - ii. KT (Kitsap Transit)
  - iii. VANPOOL
  - iv. KCM-DART (King County Metro DART)
  - v. KCM ACCESS
  - vi. ST (Sound Transit)
  - vii. ST-LLR (Sound Transit Link Light Rail)
  - viii. CT-BRT (Community Transit Bus Rapid Transit)
  - ix. KCM-RAPIDRIDE – including Streetcar Location Type (King County Metro RapidRide)
- (b) Create a single PFTP fare collection and inspection application (HCP.exe) that is compatible with either or both the Psion G2 and Psion G3
- (c) Perform regression testing of all HCP software functionality on all above programs
- (d) Perform testing and integration of new Psion Software Development Kit (SDK)
- (e) Verify commissioning and test procedures are applicable to both hardware models (Psion G2 and G3)
- (f) Perform hardware integration testing for all device peripherals such as batteries, cradles and firmware.
- (g) Update the KCM RapidRide PFTP screen flow documentation (SEA-01052)

## **Section 2.0 Schedule:**

2.1 The work described in Section 1.0 will be completed in Maintenance Release (MR) 24.

## **Section 3.0 Compensation Changes**

3.1 Section VI (Implementation) of Exhibit 9, Price Schedule, is hereby amended to read as follows:

### **VI. IMPLEMENTATION**

#### **SPECIAL PROGRAMS**

LUMP SUM COST
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#### **Amendment No. 264**

The Contractor will perform the work necessary to modify the system to support the two Streetcar lines	
<b>TOTAL</b>	<b>\$103,553</b>

## **Section 4.0 Other Terms and Conditions**

All other provisions of the Contract not referenced in this Amendment Two Hundred and sixty-four shall remain in effect.

IN WITNESS WHEREOF, authorized representative of the Agencies and the Contractor have signed their names in the spaces provided below.

Vix Technology (USA) Inc.

By: D.J.W.Th

Its: General Manager

Date: 8/8/12

The Agencies

By: Kevin Desmond

Its: General Manager

KCM JB Member on behalf of the Agencies

Date: 8/8/13